

# Electricity & Gas Prices in Ireland

Annex Household Gas Prices  
1<sup>st</sup> Semester (January – June) 2011



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### Sustainable Energy Ireland

The Sustainable Energy Authority of Ireland was established as Ireland's national energy authority under the Sustainable Energy Act 2002. SEAI's mission is to play a leading role in transforming Ireland into a society based on sustainable energy structures, technologies and practices. To fulfil this mission SEAI aims provide well-timed and informed advice to Government, deliver a range of programmes efficiently and effectively, while engaging and motivating a wide range of stakeholders and showing continuing flexibility and innovation in all activities. SEAI's actions will help advance Ireland to the vanguard of the global green technology movement, so that Ireland is recognised as a pioneer in the move to decarbonised energy systems.

SEAI's key strategic objectives are;

- Energy efficiency first – implementing strong energy efficiency actions that radically reduce energy intensity and usage;
- Low carbon energy sources – accelerating the development and adoption of technologies to exploit renewable energy sources;
- Innovation and integration – supporting evidence-based responses that engage all actors, supporting innovation and enterprise for our low-carbon future;

The Sustainable Energy Authority of Ireland is financed by Ireland's EU Structural Funds Programme co-funded by the Irish Government and the European Union.

### Energy Policy Statistical Support Unit (EPSSU)

SEAI has a lead role in developing and maintaining comprehensive national and sectoral statistics for energy production, transformation and end use. This data is a vital input in meeting international reporting obligations, for advising policy makers and informing investment decisions. Based in Cork, EPSSU is SEAI's specialist statistics team. Its core functions are to:

- Collect, process and publish energy statistics to support policy analysis and development in line with national needs and international obligations;
- Conduct statistical and economic analyses of energy services sectors and sustainable energy options;
- Contribute to the development and promulgation of appropriate sustainability indicators.

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# 1 Introduction

The fluctuations in energy prices over the past number of years are a key concern to all energy consumers in Ireland, as they impact on the rate of inflation and competitiveness. Understanding the key contributing factors and the precise impacts of energy price changes are key ingredients to developing appropriate, sensible and measured responses from businesses, householders and policy makers. Comparing energy prices in Ireland with those of other EU Member States and elsewhere is a particularly important aspect of any analysis of the impact of price changes. This report seeks to add to that analysis and thereby increase the understanding of energy price changes in Ireland.

This report draws on the results of a new EU methodology for gathering energy price data that came into effect on January 1<sup>st</sup> 2008. Significant changes have occurred recently in the international oil and gas market prices. However, the focus of the report is on the electricity and gas price data gathered under this improved methodology and focuses on the period January – June 2010, i.e. the first semester 2010.

The report is structured as follows:

- Section 2 provides a context for the analysis, touching on global factors affecting energy prices, discussing some characteristics that particularly impact on prices in Ireland.
- Section 3 focuses on electricity and gas prices paid by industrial and services (business) customers, informing the discussion on impacts of energy price changes for business in Ireland.
- Section 4 focuses on price changes for domestic customers, comparing prices for households in Ireland with those of other EU Member States.
- Appendix 1 shows the average electricity and natural gas prices in the various consumption bands in Ireland during the 1<sup>st</sup> semester 2010.

Four separate Annexes are available in pdf form on our website detailing, for the latest five semesters, for all countries and all consumptions bands, the electricity and gas price to business and residential consumers. Tables in the Annexes show the ex-tax, ex-VAT and all taxes included prices for all categories.

SEAI acknowledges the co-operation of electricity and gas suppliers in providing the information necessary for Ireland to comply with the *European Commission Decision (2007/394/EC)* amending *Directive 90/377/EEC* with regard to the methodology to be applied for the collection of gas and electricity prices charged to business and household end-users and to allow this analysis to be carried out.

This is the sixth edition of this report focusing on energy prices. Feedback and comments on the report are welcome and should be addressed by post to the address on the back cover or by e-mail to [epsu@seai.ie](mailto:epsu@seai.ie).

Readers may also be interested in previous statistical analysis related to energy prices carried out by SEAI. The report *Energy in Ireland 1990 – 2008* tracks changes in aggregated energy prices from 2000. The report *Energy in Industry 2007* assesses how significant energy costs are as a proportion of the overall cost base for business enterprises, drawing on data from the CSO's *Census of Industrial Production*. Both reports are available from [www.seai.ie/statistics](http://www.seai.ie/statistics).

## 2 Gas prices to Householders in the EU (without taxes)

**Table 1** Household Gas Prices in band D1 in Europe (S1 2009 to S1 2011) without taxes

Band D1	without taxes (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	16.02	15.40	15.39	15.07	17.26	-3.9%	-0.1%	-2.1%	14.5%	12.2%
Belgium	19.79	17.72	17.92	18.35	17.11	-10.5%	1.1%	2.4%	-6.8%	-4.5%
Bulgaria	11.03	7.82	8.41	9.78	9.88	-29.1%	7.5%	16.2%	1.1%	17.5%
Croatia	7.26	7.42	8.65	8.57	8.48	2.1%	16.6%	-0.9%	-1.1%	-2.0%
Czech Republic	16.79	16.49	17.15	18.39	20.18	-1.8%	4.0%	7.2%	9.8%	17.7%
Denmark	12.40	13.28	14.60	14.92	16.47	7.1%	10.0%	2.2%	10.3%	12.8%
Estonia	9.30	8.31	8.44	11.26	11.57	-10.7%	1.6%	33.5%	2.7%	37.1%
France	24.21	28.33	23.75	27.52	25.54	17.0%	-16.2%	15.9%	-7.2%	7.5%
Germany	21.07	19.70	18.97	21.41	21.63	-6.5%	-3.7%	12.9%	1.0%	14.0%
Hungary	11.21	11.43	12.70	13.42	13.30	2.0%	11.0%	5.7%	-0.9%	4.8%
<b>Ireland</b>	<b>16.91</b>	<b>15.48</b>	<b>13.35</b>	<b>13.90</b>	<b>12.91</b>	<b>-8.5%</b>	<b>-13.8%</b>	<b>4.1%</b>	<b>-7.1%</b>	<b>-3.3%</b>
Italy	15.24	13.34	12.52	20.30	15.27	-12.4%	-6.2%	62.2%	-24.8%	22.0%
Latvia	20.20	16.52	13.96	16.72	15.67	-18.2%	-15.5%	19.8%	-6.3%	12.2%
Lithuania	16.29	14.29	14.44	15.83	15.25	-12.3%	1.0%	9.6%	-3.7%	5.6%
Luxembourg	19.08	18.38	12.57	13.82	17.13	-3.7%	-31.6%	9.9%	24.0%	36.3%
Netherlands	20.82	17.63	17.55	18.46	18.42	-15.3%	-0.5%	5.2%	-0.2%	5.0%
Poland	11.81	12.59	12.96	13.62	14.05	6.6%	2.9%	5.1%	3.2%	8.4%
Portugal	20.87	20.54	19.53	21.50	20.33	-1.6%	-4.9%	10.1%	-5.4%	4.1%
Romania	4.86	4.08	4.20	4.05	4.17	-15.9%	2.9%	-3.7%	2.9%	-0.9%
Slovakia	23.35	23.19	22.67	22.53	22.94	-0.7%	-2.2%	-0.6%	1.8%	1.2%
Slovenia	17.87	16.94	15.54	15.90	17.32	-5.2%	-8.3%	2.4%	8.9%	11.5%
Spain	17.64	16.42	16.31	16.16	16.12	-6.9%	-0.7%	-0.9%	-0.2%	-1.2%
Sweden	22.01	27.05	29.63	32.48	33.11	22.9%	9.5%	9.6%	1.9%	11.8%
Turkey	9.17	6.84	7.43	7.54	6.84	-25.4%	8.6%	1.5%	-9.3%	-7.9%
United Kingdom	12.63	12.56	12.12	12.58	12.85	-0.6%	-3.5%	3.7%	2.2%	6.0%
Euro Area	20.10	19.48	18.12	21.53	20.12	-3.1%	-7.0%	18.8%	-6.5%	11.0%
EU 27	17.54	17.12	16.17	18.64	17.81	-2.4%	-5.5%	15.2%	-4.5%	10.1%
Ireland relative to:										
Euro Area	84.1%	79.5%	73.7%	64.6%	64.2%					
EU 27	96.4%	90.4%	82.5%	74.6%	72.5%					

Source: Eurostat

**Table 2** Household Gas Prices in band D2 in Europe (S1 2009 to S1 2011) without taxes

Band D2	without taxes (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	13.13	12.47	12.54	12.07	14.22	-5.0%	0.6%	-3.7%	17.8%	13.4%
Belgium	13.54	11.45	11.75	13.30	12.69	-15.4%	2.6%	13.2%	-4.6%	8.0%
Bulgaria	10.95	8.06	8.51	9.98	9.96	-26.4%	5.6%	17.3%	-0.3%	17.0%
Croatia	7.26	7.42	8.65	8.57	8.48	2.1%	16.6%	-0.9%	-1.1%	-2.0%
Czech Republic	11.55	11.02	10.87	11.96	12.60	-4.6%	-1.4%	10.1%	5.4%	16.0%
Denmark	12.40	13.28	14.60	14.92	16.47	7.1%	10.0%	2.2%	10.3%	12.8%
Estonia	8.99	8.03	7.71	8.66	9.07	-10.7%	-3.9%	12.2%	4.8%	17.6%
France	13.01	13.85	12.25	13.39	13.43	6.5%	-11.6%	9.3%	0.3%	9.6%
Germany	13.48	12.09	11.54	11.68	12.08	-10.3%	-4.5%	1.2%	3.4%	4.7%
Hungary	11.15	10.59	11.90	12.30	12.46	-5.0%	12.4%	3.4%	1.3%	4.7%
<b>Ireland</b>	<b>15.76</b>	<b>13.47</b>	<b>12.07</b>	<b>12.12</b>	<b>11.69</b>	<b>-14.5%</b>	<b>-10.4%</b>	<b>0.4%</b>	<b>-3.5%</b>	<b>-3.1%</b>
Italy	14.16	9.69	10.45	13.84	12.25	-31.5%	7.8%	32.4%	-11.5%	17.2%
Latvia	13.21	9.57	7.92	10.24	9.59	-27.5%	-17.3%	29.2%	-6.3%	21.1%
Lithuania	10.00	9.38	8.62	10.40	9.98	-6.2%	-8.1%	20.7%	-4.1%	15.7%
Luxembourg	12.19	10.94	10.60	11.60	12.72	-10.3%	-3.1%	9.4%	9.7%	20.0%
Netherlands	14.43	10.68	11.19	11.51	11.57	-26.0%	4.8%	2.9%	0.5%	3.4%
Poland	8.85	10.48	9.68	11.51	10.46	18.3%	-7.6%	18.9%	-9.1%	8.1%
Portugal	15.68	15.73	15.71	16.37	15.75	0.3%	-0.2%	4.2%	-3.8%	0.3%
Romania	4.84	4.05	4.18	4.02	4.14	-16.3%	3.1%	-3.7%	3.0%	-0.9%
Slovakia	10.78	11.10	10.18	10.41	10.78	3.0%	-8.3%	2.3%	3.5%	5.9%
Slovenia	14.44	11.68	12.56	14.33	14.23	-19.1%	7.5%	14.1%	-0.7%	13.3%
Spain	14.64	12.82	12.79	12.71	12.62	-12.4%	-0.3%	-0.6%	-0.7%	-1.3%
Sweden	14.00	15.40	16.45	17.42	18.35	10.1%	6.8%	5.9%	5.3%	11.5%
Turkey	8.91	6.97	7.31	7.59	6.52				-14.0%	-10.8%
United Kingdom	11.28	11.28	10.73	11.16	11.24	0.0%	-4.9%	4.1%	0.7%	4.8%
Euro Area	13.66	11.78	11.47	12.57	12.39	-13.7%	-2.6%	9.6%	-1.4%	8.0%
EU 27	12.70	11.44	11.13	12.06	11.95	-9.9%	-2.7%	8.3%	-0.9%	7.4%

Ireland relative to:

Euro Area	115.4%	114.4%	105.2%	96.4%	94.3%
EU 27	124.1%	117.7%	108.4%	100.5%	97.8%

Source: Eurostat

**Table 3** Household Gas Prices in band D3 in Europe (S1 2009 to S1 2011) without taxes

Band D3	without taxes (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	11.54	10.92	10.92	10.74	12.65	-5.4%	0.0%	-1.6%	17.8%	15.8%
Belgium	12.57	10.38	10.66	11.24	11.90	-17.4%	2.7%	5.4%	5.9%	11.6%
Bulgaria	11.23	8.29	8.64	10.12	10.05	-26.2%	4.2%	17.2%	-0.7%	16.3%
Croatia	7.26	7.42	8.65	8.57	8.48	2.1%	16.6%	-0.9%	-1.1%	-2.0%
Czech Republic	11.34	10.79	10.46	11.40	11.90	-4.9%	-3.1%	9.1%	4.4%	13.8%
Denmark	12.40	13.28	14.60	14.92	16.47	7.1%	10.0%	2.2%	10.3%	12.8%
Estonia	8.97	7.98	7.63	8.54	8.95	-11.0%	-4.3%	11.8%	4.8%	17.3%
France	11.87	11.70	10.73	11.27	11.90	-1.4%	-8.3%	5.0%	5.6%	10.9%
Germany	12.09	10.59	10.44	11.44	11.59	-12.4%	-1.4%	9.6%	1.3%	11.0%
Hungary	10.85	10.65	12.04	11.76	12.46	-1.9%	13.1%	-2.3%	5.9%	3.5%
<b>Ireland</b>	<b>15.16</b>	<b>12.44</b>	<b>11.48</b>	<b>11.09</b>	<b>11.08</b>	<b>-17.9%</b>	<b>-7.7%</b>	<b>-3.4%</b>	<b>-0.1%</b>	<b>-3.5%</b>
Italy	13.03	9.72	9.79	10.88	11.20	-25.4%	0.8%	11.1%	3.0%	14.4%
Latvia	12.88	9.50	7.86	10.08	9.41	-26.3%	-17.2%	28.2%	-6.7%	19.6%
Lithuania	9.58	7.99	7.84	9.26	8.65	-16.6%	-1.8%	18.1%	-6.6%	10.4%
Luxembourg	11.20	9.35	10.99	11.92	11.59	-16.5%	17.5%	8.5%	-2.8%	5.5%
Netherlands	13.43	10.00	10.33	10.75	10.63	-25.5%	3.3%	4.1%	-1.2%	2.9%
Poland	8.49	9.30	8.99	10.18	9.66	9.6%	-3.4%	13.3%	-5.1%	7.6%
Portugal	13.33	14.08	12.95	14.24	14.06	5.6%	-8.0%	9.9%	-1.3%	8.6%
Romania	4.82	4.01	4.13	3.98	4.09	-16.8%	3.2%	-3.8%	2.8%	-1.1%
Slovakia	10.79	11.13	10.08	10.32	11.98	3.2%	-9.5%	2.4%	16.1%	18.9%
Slovenia	14.26	11.03	12.25	13.42	12.27	-22.7%	11.1%	9.5%	-8.5%	0.2%
Spain	11.78	10.87	10.69	11.98	11.82	-7.7%	-1.7%	12.1%	-1.3%	10.6%
Sweden	13.26	13.77	15.32	15.49	16.11	3.8%	11.3%	1.1%	4.0%	5.1%
Turkey	8.81	6.90	7.37	7.55	6.60	-21.6%	6.8%	2.4%	-12.6%	-10.5%
United Kingdom	10.11	9.79	9.72	9.58	9.95	-3.2%	-0.7%	-1.5%	3.8%	2.3%
Euro Area	12.39	10.59	10.39	11.22	11.52	-14.5%	-2.0%	8.0%	2.7%	10.9%
EU 27	11.56	10.27	10.15	10.72	11.03	-11.2%	-1.2%	5.7%	2.9%	8.7%

Ireland relative to:

Euro Area	122.4%	117.4%	110.5%	98.9%	96.2%
EU 27	131.1%	121.1%	113.1%	103.4%	100.4%

Source: Eurostat

### 3 Gas prices to Households in the EU (without VAT)

**Table 4** Household Gas Prices in band D1 in Europe (S1 2009 to S1 2011) without VAT

Band D1	without VAT (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	18.19	17.54	17.49	17.04	19.38	-3.6%	-0.3%	-2.6%	13.7%	10.8%
Belgium	20.18	18.12	18.31	19.65	18.75	-10.2%	1.0%	7.3%	-4.6%	2.4%
Bulgaria	11.03	7.82	8.41	9.78	9.88	-29.1%	7.5%	16.2%	1.1%	17.5%
Croatia	7.26	7.42	8.65	8.57	8.48	2.1%	16.6%	-0.9%	-1.1%	-2.0%
Czech Republic	16.79	16.49	17.15	18.39	20.18	-1.8%	4.0%	7.2%	9.8%	17.7%
Denmark	20.44	21.43	23.76	24.09	25.80	4.8%	10.9%	1.4%	7.1%	8.6%
Estonia	9.58	8.68	9.10	11.89	12.20	-9.3%	4.8%	30.7%	2.6%	34.1%
France	24.21	28.41	24.07	28.38	27.14	17.3%	-15.3%	17.9%	-4.4%	12.8%
Germany	23.43	22.06	21.33	23.74	23.96	-5.8%	-3.3%	11.3%	0.9%	12.3%
Hungary	11.21	11.43	12.70	13.42	13.30	2.0%	11.0%	5.7%	-0.9%	4.8%
<b>Ireland</b>	<b>16.91</b>	<b>15.48</b>	<b>13.46</b>	<b>14.68</b>	<b>13.68</b>	<b>-8.5%</b>	<b>-13.0%</b>	<b>9.1%</b>	<b>-6.8%</b>	<b>1.6%</b>
Italy	18.88	16.45	15.94	24.12	18.59	-12.9%	-3.1%	51.4%	-22.9%	16.7%
Latvia	20.23	16.52	13.99	16.75	15.70	-18.3%	-15.3%	19.7%	-6.3%	12.2%
Lithuania	16.29	14.29	14.44	15.83	15.25	-12.3%	1.0%	9.6%	-3.7%	5.6%
Luxembourg	19.56	19.02	13.12	14.37	17.62	-2.8%	-31.0%	9.5%	22.6%	34.3%
Netherlands	26.50	23.31	23.40	24.32	24.27	-12.0%	0.4%	3.9%	-0.2%	3.7%
Poland	11.81	12.59	12.96	13.62	14.05	6.6%	2.9%	5.1%	3.2%	8.4%
Portugal	20.87	20.54	19.53	21.62	20.62	-1.6%	-4.9%	10.7%	-4.6%	5.6%
Romania	6.88	6.30	6.45	6.27	6.41	-8.4%	2.4%	-2.9%	2.2%	-0.7%
Slovakia	23.35	23.19	22.67	22.53	22.94	-0.7%	-2.2%	-0.6%	1.8%	1.2%
Slovenia	18.66	17.73	16.45	17.14	18.55	-5.0%	-7.2%	4.2%	8.2%	12.7%
Spain	17.64	16.42	16.31	16.16	16.12	-6.9%	-0.7%	-0.9%	-0.2%	-1.2%
Sweden	27.81	33.21	36.16	39.26	41.95	19.4%	8.9%	8.6%	6.8%	16.0%
Turkey	9.45	7.12	7.73	7.85	7.11	-24.7%	8.5%	1.5%	-9.3%	-7.9%
United Kingdom	12.63	12.56	12.12	12.58	12.85	-0.6%	-3.5%	3.7%	2.2%	6.0%
Euro Area	22.36	21.64	20.41	24.04	22.68	-3.2%	-5.7%	17.8%	-5.7%	11.1%
EU 27	19.15	18.67	17.81	20.43	19.63	-2.5%	-4.6%	14.7%	-3.9%	10.2%

Ireland relative to:

Euro Area	75.6%	71.5%	65.9%	61.1%	60.3%
EU 27	88.3%	82.9%	75.6%	71.9%	69.7%

Source: Eurostat

**Table 5** Household Gas Prices in band D2 in Europe (S1 2009 to S1 2011) without VAT

Band D2	without VAT (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	15.03	14.36	14.41	13.92	16.14	-4.5%	0.3%	-3.4%	15.9%	12.0%
Belgium	13.93	11.86	12.16	13.92	13.11	-14.9%	2.5%	14.5%	-5.8%	7.8%
Bulgaria	10.95	8.06	8.51	9.98	9.96	-26.4%	5.6%	17.3%	-0.3%	17.0%
Croatia	7.26	7.42	8.65	8.57	8.48	2.1%	16.6%	-0.9%	-1.1%	-2.0%
Czech Republic	11.55	11.02	10.87	11.96	12.60	-4.6%	-1.4%	10.1%	5.4%	16.0%
Denmark	20.44	21.43	23.76	24.09	25.80	4.8%	10.9%	1.4%	7.1%	8.6%
Estonia	9.29	8.39	8.37	9.28	9.70	-9.6%	-0.2%	10.9%	4.5%	15.8%
France	13.01	13.85	12.30	13.71	13.72	6.5%	-11.2%	11.5%	0.1%	11.5%
Germany	15.13	13.74	13.19	13.33	13.73	-9.2%	-4.0%	1.1%	3.0%	4.1%
Hungary	11.15	10.59	11.90	12.30	12.46	-5.0%	12.4%	3.4%	1.3%	4.7%
<b>Ireland</b>	<b>15.76</b>	<b>13.47</b>	<b>12.19</b>	<b>12.89</b>	<b>12.46</b>	<b>-14.5%</b>	<b>-9.5%</b>	<b>5.7%</b>	<b>-3.3%</b>	<b>2.2%</b>
Italy	17.54	12.37	14.74	18.49	16.64	-29.5%	19.1%	25.5%	-10.0%	12.9%
Latvia	13.22	9.57	7.94	10.25	9.60	-27.6%	-17.1%	29.2%	-6.3%	21.0%
Lithuania	10.00	9.38	8.62	10.40	9.98	-6.2%	-8.1%	20.7%	-4.1%	15.7%
Luxembourg	12.77	11.77	11.23	12.23	13.27	-7.8%	-4.6%	8.9%	8.5%	18.2%
Netherlands	19.44	15.69	16.36	16.67	16.73	-19.3%	4.3%	1.9%	0.4%	2.3%
Poland	8.85	10.48	9.68	11.51	10.46	18.3%	-7.6%	18.9%	-9.1%	8.1%
Portugal	15.68	15.73	15.71	16.51	16.00	0.3%	-0.2%	5.1%	-3.1%	1.9%
Romania	6.82	6.26	6.42	6.23	6.37	-8.1%	2.5%	-2.9%	2.2%	-0.8%
Slovakia	10.78	11.10	10.18	10.41	10.78	3.0%	-8.3%	2.3%	3.5%	5.9%
Slovenia	15.23	12.47	13.48	15.57	15.47	-18.1%	8.1%	15.5%	-0.6%	14.8%
Spain	14.64	12.82	12.79	12.71	12.62	-12.4%	-0.3%	-0.6%	-0.7%	-1.3%
Sweden	19.80	21.47	22.88	24.20	27.18	8.4%	6.6%	5.8%	12.3%	18.8%
Turkey	9.19	7.24	7.61	7.89	6.80	-21.2%	5.1%	3.7%	-13.9%	-10.7%
United Kingdom	11.28	11.28	10.73	11.16	11.24	0.0%	-4.9%	4.1%	0.7%	4.8%
Euro Area	15.53	13.50	13.57	14.81	14.56	-13.1%	0.5%	9.1%	-1.7%	7.3%
EU 27	14.05	12.69	12.64	13.66	13.51	-9.6%	-0.4%	8.1%	-1.1%	6.9%

Ireland relative to:

Euro Area	101.5%	99.8%	89.8%	87.0%	85.6%
EU 27	112.2%	106.1%	96.4%	94.4%	92.2%

Source: Eurostat

**Table 6** Household Gas Prices in band D3 in Europe (S1 2009 to S1 2011) without VAT

Band D3	without VAT (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	13.33	12.70	12.68	12.50	14.48	-4.7%	-0.2%	-1.4%	15.8%	14.2%
Belgium	12.93	10.78	11.10	12.35	12.60	-16.6%	3.0%	11.3%	2.0%	13.5%
Bulgaria	11.23	8.29	8.64	10.12	10.05	-26.2%	4.2%	17.2%	-0.7%	16.3%
Croatia	7.26	7.42	8.65	8.57	8.48	2.1%	16.6%	-0.9%	-1.1%	-2.0%
Czech Republic	11.34	10.79	10.46	11.40	11.90	-4.9%	-3.1%	9.1%	4.4%	13.8%
Denmark	20.44	21.43	23.76	24.09	25.80	4.8%	10.9%	1.4%	7.1%	8.6%
Estonia	9.24	8.35	8.26	9.16	9.56	-9.7%	-1.0%	10.9%	4.3%	15.7%
France	11.87	11.70	10.76	11.33	11.98	-1.4%	-8.0%	5.3%	5.7%	11.3%
Germany	13.74	12.24	12.09	13.09	13.24	-10.9%	-1.2%	8.3%	1.1%	9.5%
Hungary	10.85	10.65	12.04	11.76	12.46	-1.9%	13.1%	-2.3%	5.9%	3.5%
<b>Ireland</b>	<b>15.16</b>	<b>12.44</b>	<b>11.56</b>	<b>11.85</b>	<b>11.84</b>	<b>-17.9%</b>	<b>-7.1%</b>	<b>2.5%</b>	<b>-0.1%</b>	<b>2.4%</b>
Italy	17.31	13.62	14.75	15.73	15.97	-21.3%	8.2%	6.7%	1.5%	8.3%
Latvia	12.91	9.50	7.88	10.10	9.42	-26.4%	-17.1%	28.1%	-6.7%	19.6%
Lithuania	9.58	7.99	7.84	9.26	8.65	-16.6%	-1.8%	18.1%	-6.6%	10.4%
Luxembourg	11.96	10.50	11.60	12.53	12.33	-12.2%	10.5%	8.0%	-1.6%	6.3%
Netherlands	18.26	14.84	15.32	15.74	15.62	-18.7%	3.2%	2.7%	-0.7%	2.0%
Poland	8.49	9.30	8.99	10.18	9.66	9.6%	-3.4%	13.3%	-5.1%	7.6%
Portugal	13.33	14.08	12.95	14.34	14.33	5.6%	-8.0%	10.7%	-0.1%	10.6%
Romania	6.67	6.13	6.28	6.10	6.23	-8.2%	2.5%	-2.9%	2.1%	-0.8%
Slovakia	10.79	11.13	10.08	10.32	11.98	3.2%	-9.5%	2.4%	16.1%	18.9%
Slovenia	15.05	11.82	13.17	14.65	13.51	-21.5%	11.4%	11.3%	-7.8%	2.6%
Spain	11.78	10.87	10.69	11.98	11.82	-7.7%	-1.7%	12.1%	-1.3%	10.6%
Sweden	19.06	19.93	21.86	22.26	24.94	4.6%	9.7%	1.8%	12.0%	14.1%
Turkey	9.09	7.18	7.67	7.85	6.87	-21.0%	6.8%	2.4%	-12.5%	-10.4%
United Kingdom	10.11	9.79	9.72	9.58	9.95	-3.2%	-0.7%	-1.5%	3.8%	2.3%
Euro Area	14.44	12.56	12.60	13.45	13.73	-13.0%	0.3%	6.7%	2.0%	8.9%
EU 27	13.02	11.68	11.74	12.32	12.62	-10.3%	0.4%	5.0%	2.4%	7.5%

Ireland relative to:

Euro Area	105.0%	99.0%	91.7%	88.1%	86.3%
EU 27	116.4%	106.5%	98.5%	96.2%	93.8%

Source: Eurostat

## 4 Gas prices to Households in the EU (all taxes incl.)

**Table 7** Household Gas Prices in band D1 in Europe (S1 2009 to S1 2011) all taxes included

Band D1	all taxes included (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	21.82	21.05	20.99	20.45	23.13	-3.5%	-0.3%	-2.6%	13.1%	10.2%
Belgium	24.44	21.92	22.17	23.72	22.69	-10.3%	1.1%	7.0%	-4.3%	2.3%
Bulgaria	13.24	9.39	10.09	11.73	11.86	-29.1%	7.5%	16.2%	1.1%	17.5%
Croatia	8.86	9.10	10.63	10.54	10.42	2.7%	16.8%	-0.8%	-1.2%	-2.0%
Czech Republic	19.98	19.62	20.58	22.06	24.22	-1.8%	4.9%	7.2%	9.8%	17.7%
Denmark	25.55	26.77	29.70	30.11	32.26	4.8%	10.9%	1.4%	7.1%	8.6%
Estonia	11.30	10.42	10.91	14.27	14.64	-7.8%	4.8%	30.7%	2.6%	34.1%
France	27.55	31.90	27.26	32.06	30.73	15.8%	-14.5%	17.6%	-4.1%	12.7%
Germany	27.88	26.25	25.38	28.25	28.51	-5.8%	-3.3%	11.3%	0.9%	12.3%
Hungary	13.45	14.29	15.87	16.77	16.63	6.3%	11.0%	5.7%	-0.9%	4.8%
<b>Ireland</b>	<b>19.20</b>	<b>17.56</b>	<b>15.24</b>	<b>16.66</b>	<b>15.52</b>	<b>-8.5%</b>	<b>-13.2%</b>	<b>9.3%</b>	<b>-6.8%</b>	<b>1.8%</b>
Italy	20.78	18.10	18.44	27.82	21.23	-12.9%	1.9%	50.9%	-23.7%	15.1%
Latvia	22.26	18.18	15.39	18.43	17.58	-18.3%	-15.3%	19.7%	-4.6%	14.2%
Lithuania	19.23	17.20	17.47	19.15	18.45	-10.5%	1.6%	9.6%	-3.6%	5.6%
Luxembourg	20.82	20.38	14.04	15.37	18.78	-2.1%	-31.1%	9.5%	22.2%	33.8%
Netherlands	31.53	27.74	27.85	28.94	28.89	-12.0%	0.4%	3.9%	-0.2%	3.7%
Poland	14.41	15.36	15.81	16.61	17.28	6.6%	2.9%	5.1%	4.0%	9.3%
Portugal	21.91	21.57	20.50	22.91	21.85	-1.6%	-4.9%	11.8%	-4.6%	6.6%
Romania	8.19	7.50	7.68	7.77	7.94	-8.4%	2.4%	1.2%	2.2%	3.4%
Slovakia	27.78	27.60	26.98	26.81	27.53	-0.7%	-2.2%	-0.6%	2.7%	2.0%
Slovenia	22.39	21.27	19.75	20.57	22.26	-5.0%	-7.2%	4.2%	8.2%	12.7%
Spain	20.46	19.05	18.92	19.07	19.02	-6.9%	-0.7%	0.8%	-0.2%	0.5%
Sweden	34.80	41.49	45.15	49.05	52.46	19.2%	8.8%	8.6%	7.0%	16.2%
Turkey	11.15	8.40	9.12	9.26	8.39	-24.7%	8.5%	1.5%	-9.3%	-7.9%
United Kingdom	13.27	13.18	12.73	13.21	13.49	-0.6%	-3.5%	3.8%	2.1%	6.0%
Euro Area	25.98	25.05	23.89	28.08	26.49	-3.6%	-4.6%	17.5%	-5.7%	10.9%
EU 27	21.99	21.38	20.59	23.61	22.67	-2.8%	-3.7%	14.6%	-4.0%	10.1%
Ireland relative to:										
Euro Area	73.9%	70.1%	63.8%	59.3%	58.6%					
EU 27	87.3%	82.1%	74.0%	70.6%	68.4%					

Source: Eurostat

**Table 8** Household Gas Prices in band D2 in Europe (S1 2009 to S1 2011) all taxes included

Band D2	all taxes included (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	18.03	17.23	17.29	16.71	19.29	-4.4%	0.3%	-3.4%	15.4%	11.6%
Belgium	16.82	14.33	14.70	16.78	15.86	-14.8%	2.6%	14.1%	-5.5%	7.9%
Bulgaria	13.14	9.67	10.21	11.98	11.94	-26.4%	5.6%	17.3%	-0.3%	17.0%
Croatia	8.86	9.10	10.63	10.54	10.42	2.7%	16.8%	-0.8%	-1.2%	-2.0%
Czech Republic	13.75	13.11	13.04	14.35	15.12	-4.6%	-0.6%	10.1%	5.4%	16.0%
Denmark	25.55	26.77	29.70	30.11	32.26	4.8%	10.9%	1.4%	7.1%	8.6%
Estonia	10.96	10.07	10.07	11.14	11.64	-8.1%	0.0%	10.6%	4.5%	15.6%
France	15.29	16.20	14.46	15.98	16.11	6.0%	-10.7%	10.5%	0.8%	11.4%
Germany	18.00	16.35	15.70	15.86	16.34	-9.2%	-4.0%	1.0%	3.0%	4.1%
Hungary	13.38	13.23	14.87	15.38	15.57	-1.1%	12.4%	3.4%	1.3%	4.7%
<b>Ireland</b>	<b>17.89</b>	<b>15.29</b>	<b>13.79</b>	<b>14.63</b>	<b>14.14</b>	<b>-14.5%</b>	<b>-9.8%</b>	<b>6.1%</b>	<b>-3.3%</b>	<b>2.5%</b>
Italy	21.04	14.84	17.15	21.87	19.27	-29.5%	15.5%	27.5%	-11.9%	12.4%
Latvia	14.54	10.52	8.73	11.28	10.75	-27.6%	-17.1%	29.3%	-4.7%	23.2%
Lithuania	11.80	11.29	10.43	12.59	12.07	-4.4%	-7.6%	20.7%	-4.1%	15.8%
Luxembourg	13.68	12.82	12.07	13.13	14.19	-6.3%	-5.9%	8.8%	8.1%	17.6%
Netherlands	23.13	18.67	19.46	19.84	19.90	-19.3%	4.2%	1.9%	0.3%	2.3%
Poland	10.80	12.78	11.81	14.04	12.87	18.3%	-7.6%	18.9%	-8.3%	9.0%
Portugal	16.78	16.52	16.49	17.49	16.95	-1.6%	-0.2%	6.1%	-3.1%	2.8%
Romania	8.11	7.45	7.64	7.73	7.90	-8.1%	2.5%	1.2%	2.2%	3.4%
Slovakia	12.83	13.21	12.11	12.39	12.93	3.0%	-8.3%	2.3%	4.4%	6.8%
Slovenia	18.28	14.96	16.18	18.68	18.56	-18.2%	8.1%	15.5%	-0.7%	14.7%
Spain	16.98	14.88	14.83	15.00	14.89	-12.4%	-0.3%	1.1%	-0.7%	0.4%
Sweden	24.77	26.86	28.71	30.33	34.01	8.4%	6.9%	5.7%	12.1%	18.5%
Turkey	10.84	8.55	8.98	9.31	8.02	-21.2%	5.1%	3.7%	-13.9%	-10.7%
United Kingdom	11.84	11.84	11.26	11.72	11.80	0.0%	-4.9%	4.1%	0.7%	4.8%
Euro Area	18.46	16.02	16.01	17.52	17.16	-13.2%	0.0%	9.4%	-2.0%	7.2%
EU 27	16.36	14.75	14.65	15.88	15.66	-9.9%	-0.7%	8.4%	-1.4%	6.9%

Ireland relative to:

Euro Area	96.9%	95.5%	86.1%	83.5%	82.4%
EU 27	109.3%	103.7%	94.1%	92.1%	90.3%

Source: Eurostat

**Table 9** Household Gas Prices in band D3 in Europe (S1 2009 to S1 2011) all taxes included

Band D3	all taxes included (€/GJ)					% change				
	Jan '09 - June '09	July '09 - Dec '09	Jan '10 - Jun '10	July '10 - Dec '10	Jan '11 - Jun '11	S1 '09 - S2 '09	S2 '09 - S1 '10	S1 '10 - S2 '10	S2 '10 - S1 '11	12 months to S1 '11
Austria	16.00	15.24	15.22	14.97	17.29	-4.8%	-0.1%	-1.6%	15.5%	13.6%
Belgium	15.65	13.05	13.43	14.94	15.23	-16.6%	2.9%	11.2%	1.9%	13.4%
Bulgaria	13.48	9.94	10.36	12.14	12.06	-26.2%	4.2%	17.1%	-0.7%	16.3%
Croatia	8.86	9.10	10.63	10.54	10.42	2.7%	16.8%	-0.8%	-1.2%	-2.0%
Czech Republic	13.49	12.84	12.55	13.68	14.28	-4.9%	-2.2%	9.1%	4.4%	13.8%
Denmark	25.55	26.77	29.70	30.11	32.26	4.8%	10.9%	1.4%	7.1%	8.6%
Estonia	10.90	10.02	9.91	11.00	11.48	-8.1%	-1.0%	10.9%	4.4%	15.8%
France	14.15	13.87	12.79	13.47	14.24	-2.0%	-7.8%	5.3%	5.7%	11.3%
Germany	16.35	14.57	14.39	15.58	15.75	-10.9%	-1.2%	8.3%	1.1%	9.5%
Hungary	13.02	13.31	15.05	14.70	15.57	2.2%	13.1%	-2.3%	5.9%	3.5%
<b>Ireland</b>	<b>17.20</b>	<b>14.12</b>	<b>13.12</b>	<b>13.46</b>	<b>13.44</b>	<b>-17.9%</b>	<b>-7.1%</b>	<b>2.6%</b>	<b>-0.1%</b>	<b>2.4%</b>
Italy	20.78	16.34	17.60	18.83	18.80	-21.4%	7.7%	7.0%	-0.2%	6.8%
Latvia	14.20	10.47	8.67	11.11	10.58	-26.3%	-17.2%	28.2%	-4.8%	22.0%
Lithuania	11.30	9.61	9.49	11.21	10.47	-14.9%	-1.3%	18.1%	-6.6%	10.4%
Luxembourg	12.91	11.71	12.46	13.44	13.40	-9.3%	6.4%	7.9%	-0.3%	7.5%
Netherlands	21.73	17.65	18.23	18.73	18.58	-18.8%	3.3%	2.7%	-0.8%	1.9%
Poland	10.35	11.35	10.96	12.42	11.89	9.7%	-3.4%	13.3%	-4.3%	8.4%
Portugal	14.00	14.78	13.60	15.20	15.18	5.6%	-8.0%	11.8%	-0.1%	11.6%
Romania	7.94	7.29	7.48	7.56	7.73	-8.2%	2.5%	1.2%	2.1%	3.3%
Slovakia	12.84	13.25	11.99	12.28	14.38	3.2%	-9.5%	2.4%	17.1%	19.9%
Slovenia	18.06	14.19	15.80	17.58	16.21	-21.4%	11.4%	11.3%	-7.8%	2.6%
Spain	13.66	12.61	12.40	14.14	13.95	-7.7%	-1.7%	14.0%	-1.3%	12.5%
Sweden	23.85	24.84	27.28	27.86	31.21	4.2%	9.8%	2.1%	12.0%	14.4%
Turkey	10.72	8.47	9.05	9.27	8.11	-21.0%	6.8%	2.4%	-12.5%	-10.4%
United Kingdom	10.62	10.28	10.21	10.06	10.45	-3.2%	-0.7%	-1.4%	3.8%	2.4%
Euro Area	17.21	14.95	14.99	16.02	16.28	-13.1%	0.3%	6.9%	1.6%	8.6%
EU 27	15.21	13.63	13.69	14.42	14.71	-10.4%	0.5%	5.3%	2.0%	7.4%

Ireland relative to:

Euro Area	100.0%	94.4%	87.5%	84.0%	82.6%
EU 27	113.0%	103.6%	95.8%	93.4%	91.4%

Source: Eurostat

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## Appendix – Methodologies for Assessing Prices

The International Energy Agency (IEA) are responsible for a major international compilation of energy prices at all market levels: import prices, industry prices and consumer prices. A large portion of the data is drawn from a quarterly reporting system of end-use energy prices initiated in 1981.

While this provides an extensive databank of energy prices, making comparisons between countries is not a trivial task. Definitions for prices shown for a particular energy source used in a given sector may differ from country to country. At one extreme, gasoline prices are closely comparable between countries; at the other extreme, only broad order of magnitude comparisons between coal prices may be possible.

Data collected in Ireland for *IEA's Energy Prices & Taxes* surveys are overall average prices for a given sector and therefore represent an aggregate price for small, medium and large consumers.

Eurostat collects electricity and gas prices under *Council Directive 90/377/EEC* of 29 June 1990 concerning a Community procedure to improve the transparency of gas and electricity prices charged to business end-users. This Directive obliges Member States to ensure that undertakings that supply electricity and gas to business end-users provide statistical data on an annual basis. Data must be provided to Eurostat on the price and terms of sale of gas and electricity to business end-users, the price systems in use and the breakdown of consumers and the corresponding volumes by category of consumption. Sustainable Energy Ireland has responsibility for the collection, collation and reporting of data on Ireland's behalf.

In 2002 Eurostat's Energy Statistics Committee meeting gave the mandate to set up a task force to study improvements in the existing data collection and methodology to take account in particular of market liberalization that changed the context for the methodology applied. *Directive 90/377/EEC* was recast in the interests of clarity and as a result the revised methodology, *European Commission Decision (2007/394/EC)*, has been applied since 1st January 2008. The electricity and gas price comparisons assessed in sections 3 and 4 of this report are drawn from the first set of results arising from this new methodology.

This new methodology reflects more accurately the actual cost of gas and electricity to final consumers as it incorporates all the factors in the cost of their use. The methodology is comprehensive and transparent and in each customer category, information is sought from each supplier regarding the volume of sales and the associated revenue. This allows computation of a national sales weighted unit price for electricity and gas for each customer category. It facilitates the comparison of costs across the EU but care must be taken in choosing the relevant costs to compare and to allow for currency and purchasing power differences.

